



PATENT

Case Docket No. WAKAB82.001AUS
Date: January 9, 2004

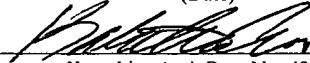
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Kazumasa Masuda, et al.
Appl. No. : 10/657,440
Filed : September 8, 2003
For : LIQUID INJECTOR FOR
INJECTING CONTRAST
MEDIUM AT VARIABLE
RATE INTO A SUBJECT WHO
IS TO BE IMAGED BY
IMAGING DIAGNOSTIC
APPARATUS
Examiner : Unknown
Group Art Unit : 3737

I hereby certify that this correspondence and all
marked attachments are being deposited with the
United States Postal Service as first class mail in
an envelope addressed to: Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-
1450, on

January 9, 2004

(Date)



Katsuhiro Arai, Reg. No. 43,315

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

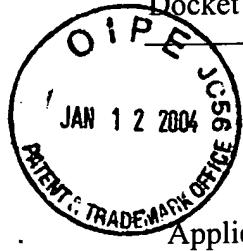
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with six (6) references.
- (X) A copy of the Communication from the European Patent Office.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.



Katsuhiro Arai
Registration No. 43,315
Agent of Record
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**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Kazumasa Masuda, et al.
App. No.	:	10/657,440
Filed	:	September 8, 2003
For	:	LIQUID INJECTOR FOR INJECTING CONTRAST MEDIUM AT VARIABLE RATE INTO A SUBJECT WHO IS TO BE IMAGED BY IMAGING DIAGNOSTIC APPARATUS
Examiner	:	Unknown
Group Art Unit	:	3737

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing six (6) references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 9, 2004

By: 

Katsuhiro Arai

Registration No. 43,315

Agent of Record

Customer No. 20,995

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FORM 10-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
WAKAB82.001AUSAPPLICATION NO.
10/657,440INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Kazumasa Masuda, et al.FILING DATE
September 8, 2003GROUP
3737

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1.	5,450,847	09/19/95	Michael Kämpfe, et al.			
2.	5,592,940	01/14/97	Michael Kämpfe			
3.	5,840,026	11/24/98	Arthur E. Uber, III, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
4.	EP 0576 740 A1	01/05/94	Europe (equivalent to US5,408,847 and 5,592,940)			abstract	
5.	WO 97/21456	06/19/97	World Intellectual Property Organization				
6.	WO 01/7442 A1	10/11/01	World Intellectual Property Organization				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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010604

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	